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CENTRAL FAX CENTER**JUN 06 2006****PATENT****ATTORNEY DOCKET NO.: GEL-US****CUSTOMER NO: 36038****In the United States Patent & Trademark Office**

Applicants: S. Banerjee et al.	Examiner: N. Yang
Serial No.: 10/034,727	Group Art Unit: 1641
Confirmation No. 1379 Filed: 12/26/2001	
For: Directed Assembly of Functional Heterostructures	I hereby certify that, on the date indicated below, this correspondence was sent by fax to the Commissioner for Patents, at (571) 273-8300. By: <i>Charles R. K. [Signature]</i> Date: <i>6/6/06</i>

Amendment

Commissioner for Patents
PO Box 1450
Alexandria VA 22313-1450

Dear Sir:

In response to the Office Action of 12/05/2005, please reconsider the rejections in view of the Remarks below.

Remarks

The Examiner has rejected claims 83-86, 88, 89 and 91-96 under Section 102(e) as anticipated by Anderson et al. The Examiner alleges that Anderson et al. disclose, among other elements of the claims, that: "The particles may further be labeled with different fluorescently labeled analytes such as Cy2, Cy3 and Cy5 for competition assays, where each specific antibody binds to one of the fluorescently labeled analytes (col. 14, lines 15-32)." Independent claim 92 recites:

A method of forming an assembly of encoded beads embedded in a gel, wherein beads in the assembly are encoded with different labels, and wherein differently labeled beads have different biomolecules displayed on their surfaces and the labeling indicates the type of biomolecule displayed on particular beads and the type of analyte said biomolecule is capable of binding with